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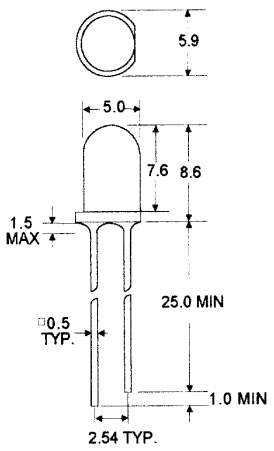
Jameco Part Number 175695
(LVY3333)

LIGITEK

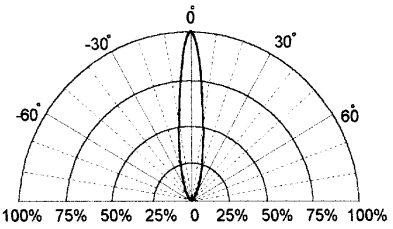
SUPER BRIGHT ROUND TYPE LED LAMPS **LVX3333** SERIES

Package Dimension



Note: All dimension are in millimeter tolerance is +0.25mm unless otherwise noted.

Radiation



• Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Min*	*Max*	*Min*	*Typ.*	
LSR3333	GaAlAs	Red	Water Clear	660	20	1.5	2.4	210	350	20
LHR3333	GaAlAs	Red	Water Clear	660	20	1.5	2.4	550	900	20
LUR3333	GaAlAs	Red	Water Clear	660	20	1.5	2.4	1200	2000	20
LVG3333	GaP	Green	Water Clear	565	30	1.7	2.8	300	500	20
LVY3333	GaAsP/GaP	Yellow	Water Clear	585	35	1.7	2.8	120	200	20

• Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	*HR*	*UR*	*VG*		*VY*						
Forward Current	40	40	40	30		20					mA	
Peak Current Duty 1/10 @1Khz	200	200	200	120		80					mA	
Power Dissipation	80			100		60					mW	
Reverse Current @5V	10			10		10					μA	
Operating Temperature	-40°C TO +85°C											
Storage Temperature	-40°C TO +100°C											
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)												

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